

**MEAP  
MICHIGAN EDUCATIONAL ASSESSMENT PROGRAM**

**Grade 4  
Mathematics Booklet**

Print-to-Braille page correspondences are listed below. Illustrations and passages followed by questions have been put on facing pages, if possible. This may have required several blank pages, as indicated.

**PRINT-TO-BRAILLE PAGE CORRESPONDENCE**

<b>Print Page</b>	<b>Braille Page</b>	<b>Question/Section</b>	<b>Notes</b>
Title Page	p1	Title & Copyright	
1-a1	1 & 2	Part 1 Directions	Transcriber's Note: This test has been transcribed using THE NEMETH BRAILLE CODE FOR MATHEMATICS AND SCIENCE NOTATION, 1972 REVISION, 2007 UPDATE.
	3		Braille page 3 is blank.
2	4	Items 1-2	
3-a3	5-7	Items 3-4	Braille page 6 is blank.
4-a4	7-9	Items 5-7	Braille page 8 is blank.
5-a5	10 & 11	Items 8-11	
6-a6	12 & 13	Items 12-15	
7	13	Item 16	
	14		Braille page 14 is blank.
8-a8	15-17	Items 17-19	Braille page 16 is blank.
	18		Braille page 18 is blank.
9-a19	19-21	Items 20-23	Braille page 20 is blank.
10-a10	21-23	Items 24-26	Braille page 22 is blank.
	24		Braille page 24 is blank.

Print Page	Braille Page	Question/Section	Notes
11-b11	25-29	Items 27-29	<p>Item 27: Sentence changed: "Which <b>best</b> represents the area of the figure on the grid below?" A tactile graphic of the grid and figure is provided. The rectangle is outlined in a dotted pattern and shading has been omitted.</p> <p>Braille page 26 is blank.</p> <p>Item 28: A tactile graphic of the grid and figure is provided. The triangle is outlined in a dotted pattern and shading has been omitted.</p> <p>Braille page 28 is blank.</p>
12-a12	29-31	Items 30-33	<p>Item 30: A tactile graphic of the figure is provided.</p> <p>Braille page 30 is blank.</p>
	32		Braille page 32 is blank.
13	33	Items 34 & 35	Item 34: A tactile graphic of the model is provided.
	34		Braille page 34 is blank.
14-a14	35-37	Items 36 & 37	<p>Item 36: Tactile graphics of the squares are provided.</p> <p>Braille page 36 is blank.</p> <p>Item 37: A tactile graphic of the shape is provided. The question and answer choices read as follows: "Which <b>best</b> describes the shape below?" A triangular pyramid B cylinder C cone D rectangular prism</p>
15-a15	37-39	Items 38-41	<p>Braille page 38 is blank.</p> <p>Item 40: A tactile graphic of the shape is provided.</p>

<b>Print Page</b>	<b>Braille Page</b>	<b>Question/Section</b>	<b>Notes</b>
	40		Braille page 40 is blank.
16-a16	41-43	Items 42-44	Item 42: A tactile graphic of the graph is provided.  Braille page 42 is blank.
17-b17	43-45	Items 44-47	Item 47: Sentence changed: "Jack made the graph on the facing page to . . . ." A tactile graphic of the graph is provided.
	46		Braille page 46 is blank.
18	47	Item 48	A tactile graphic of the graph is provided.
	48		Braille page 48 is blank.
19	49	Stop Directions	
	50		Braille page 50 is blank.

Print Page	Braille Page	Question/Section	Notes
20–21, a21	51 & 52	Part 2 Directions	<p>Items 49-55 have been omitted from the braille form.</p> <p>Directions: In this part, you will answer multiple-choice mathematics questions. Some questions will ask you to view a picture, chart, or other mathematics-related information. Use that information with what you know to answer the question. You may use a calculator for this part of the test.</p> <p>Record your answers for Part 2 as directed by the test administrator. You may use extra braille paper for scratch paper, but nothing on the extra sheets will be scored.</p> <p>Record only one answer for each question. If you need assistance changing an answer, ask your test administrator. If you are not sure of an answer, record your <b>best</b> choice.</p> <p>Once you have reached the word <b>STOP</b> in your test booklet, do <b>NOT</b> go on to the next page. If you finish early, you may go back and check your work in Part 2 of the test <b>ONLY</b>. Check to make sure that you have answered every question. Do <b>NOT</b> look at any other part of the test.</p>
	53		Braille page 53 is blank.
22-a22	54 & 55	Items 56-59	
	56		Braille page 56 is blank.
23-a23	57-59	Items 60-63	<p>Item 60: Tactile graphics of the rectangles are provided.</p> <p>Braille page 58 is blank.</p>
24-a24	60 & 61	Items 64-67	

<b>Print Page</b>	<b>Braille Page</b>	<b>Question/Section</b>	<b>Notes</b>
25-a25	61 & 62	Items 68-72	
26-a26	63-65	Items 73 & 74	Item 73: Tactile graphics of the clocks are provided.  Braille page 64 is blank.
27-b27	66-69	Item 75	Sentence changed: "The data on the following graphs represent two years of recycling." Tactile graphics of the graphs are provided. Braille page 68 is blank.
	70		Braille page 70 is blank.
28	71	Stop Directions	